

*Petoskey High
School*

**Curriculum Guide
2011/2012**

*Your Pathway to
Success*

Curriculum Guide

2011/2012

Your Pathway to Success

Public Schools of Petoskey

Board of Education

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Athletic Office 348-2104
CRC/Guidance Office 348-2221

NOTICE OF NONDISCRIMINATION

The Petoskey Board of Education will comply with all local, state and federal laws and regulations prohibiting discrimination. No person, on the basis of race, color, religion, national origin, age, sex, height, weight, marital status or disability shall be discriminated against, excluded from participation in, or be denied benefits of any program for which the Board of Education is responsible. The following people have been designated to handle inquiries regarding the nondiscrimination policies:

Inquiries related to discrimination on the basis of disability should be directed to:

**Section 504 Coordinator
Public Schools of Petoskey
Spitler Administration Building
1130 Howard Street
Petoskey, MI 49770
231-348-2351**

Direct all other inquiries related to discrimination to:

**Director of Teaching & Learning
Public Schools of Petoskey
Spitler Administration Building
1130 Howard Street
Petoskey, MI 49770
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updated 04/12/11

The Michigan Merit Curriculum High School Graduation Requirements Class of 2011 and beyond

4 Credits- ENGLISH LANGUAGE ARTS

English I, English II,
English III, English IV

4 Credits- MATHEMATICS

Algebra I, Geometry, Algebra II,
One Math or Math-related course in final year of High School

3 Credits- SCIENCE

Biology, Chemistry or Physics, One additional Science Credit

3 Credits- SOCIAL STUDIES

U.S. History, Civics (semester), Economics (semester),
World History

1 Credit- PHYSICAL EDUCATION

½ Credit HEALTH

1 Credit- VISUAL, PERFORMING or APPLIED ARTS

ONLINE LEARNING EXPERIENCE

4 ½ Credits in Electives

21 total credits required for graduation

For more information see: www.michigan.gov/highschool

English Course Descriptions

English I (full year)

1 Credit Grade 9

English I is a full-year course designed to develop literate, thoughtful communicators, capable of controlling language effectively as they face an increasingly complex and information-oriented world. Students will refine their reading, thinking, writing, speaking, listening & viewing skills. They will use these skills and strategies to learn and reflect. By exploring a variety of texts, students will understand and appreciate language and literature as ways to discover one's inter-relationships and self-reliance. All necessary skills for state proficiency testing will be studied.

Honors English I (full year)

1 Credit Grade 9

Honors English I is designed for motivated freshmen and will require taking a deeper look at the material covered in the regular English I class. The pace will be accelerated at times with the emphasis on concentrated practice of literary analysis and expository writing skills. Honors English I will incorporate additional novels, writing assignments, speeches, vocabulary development and on-line research. Students will be expected to read widely on their own. A required summer reading assignment must be completed prior to the beginning of the fall class.

English II (full year)

1 Credit Grade 10

English II is a full-year course designed to further develop necessary skills in critical reading, writing and responding, vocabulary building, listening, speaking and viewing. The goal of the class is to give students an understanding of the various genre of literature, as well as to provide students with strategies for close reading and writing. Focus will be given to the development of each student's ability to take a stance and produce a critical response. Students will be expected to write regularly, read critically, and discuss the work they are doing. All necessary skills for state proficiency testing will be emphasized.

Honors English II (full year)

1 Credit Grade 10

This course is designed for sophomores interested in an academic approach to English. The class is intended to prepare students for Advanced Placement courses in their junior and senior years. The goal of the class is to give students an understanding of the various genre of literature, as well as to provide students with strategies for close reading and writing. Writing and grammar analysis will be key components of the class. Students will be expected to write regularly, read critically, and discuss the work they are doing. The pace of this class is more accelerated than regular English II. A required summer reading assignment must be completed prior to the beginning of the fall class.

English III (full year)

1 Credit Grade 11

English III is a full-year course structured to emphasize advanced literacy skills in critical reading, writing and responding, vocabulary building, speaking, listening and viewing. English III will expand on the skills developed in English II. Mastery of critical and concise responses (speaking & writing) will be emphasized. Students will spend time preparing for the ACT & Michigan MEAP tests.

English/Journalism (full year)

1 Credit Grades 10, 11, 12

Journalism is open to students in grades 10, 11 and 12. It is a full-year elective class for students interested in writing for the student newspaper, *The Hill Street Journal*. Students may repeat the course to earn up to two years of English credit, with instructor approval. Areas of study involve basic newspaper writing skills, interviewing techniques, and photography design. All students will be expected to contribute to the student newspaper both in areas of writing/photography and layout. Mastery of basic skills in both areas will be the basis for course credit.

English IV (full year)

1 Credit Grade 12

English IV is a two-semester course that focuses on the themes of “Leadership Qualities” and “Creating the World I Want to Live In”. This particular course helps move participating students in the direction of more innovative and creative thinking as it relates to problem solving capabilities students will use in the future. The English IV curriculum will center on the following pieces of literature: Beowulf, Canterbury Tales, Their Eyes Were Watching God, 1984, Brave New World, as well as a variety of essays and articles that pertain to the many themes that are present in these works. Students will also be exposed to various literary theories and schools of criticism when responding thoughtfully to the numerous texts. Some of the essential questions that will be addressed throughout the units include: What rules and/or principles do I use for how I treat others? How can I effectively articulate my opinions and perspectives? What leadership skills have I developed? What is the quest for self-revelation? What qualities define a good citizen? What is the responsibility of the government? How can I create the world I want to live in? Students will complete formative assessments and summative assessments throughout the year to answer these central ideas and themes.

AP English Language & Composition (full year)

1 Credit Grades 11, 12

This elective course is a college level course designed for college-bound students to develop skills in elements of Standard English usage, basic argumentative writing and literary analysis, and production of a research paper. The second semester provides practice with advanced placement materials and preparation for the AP composition test to be taken in May. Students are strongly urged to take this test (for which a fee is required). College credit may be granted by colleges based on your test score. **A required summer reading assignment must be completed prior to the beginning of the fall class. Please read the course overview and syllabus, posted on the Petoskey Schools Teaching and Learning website, prior to enrolling in this class.**

AP English Literature & Composition (full year)

1 Credit Grades 11, 12

This elective course is a college level course designed to afford the college-bound senior an opportunity to read, analyze and write about classic literature. First semester is a survey study of world literature; second semester provides practice in reading novels, poems and essays with an emphasis on composition in the form of impromptu writing, essay tests and papers. Those students who wish to take the Advanced Placement test in English composition and literature for college credit may do so during this semester. A fee is required for those taking the test. A required summer reading assignment must be completed prior to the beginning of the fall class.

Speech I

1/2 Credit (semester) Grade 12

This elective class is designed for the student who wants to improve and sharpen speaking and oral presentation skills. Students write and present speeches of all types – informational & persuasive speeches, group presentations, & PowerPoint presentations. Students learn good listening habits, outlining, and proper presentation techniques, including gestures, visual aides, and delivery styles.

Science Course Descriptions

Physical Science

1 Credit Grade 9

The *Physical Science* course will provide opportunities for students to develop and communicate an understanding of physics, earth science and chemistry through lab-based activities, mathematical expressions, and concept exploration. Physics topics covered include forces, linear motion, Newton's Laws and Energy Transformations. Earth Science topics covered include Earth Systems, Astronomy, Oceanography, Climate/Weather, Rocks and Rocks Cycle. Chemistry topics covered include, States of Matter, Acids/Base, Types of Reactions and Periodic Trends. This course will prepare students for higher-level science learning.

Prerequisites – None

Biology

1 Credit Grades 9, 10

This course uses a hands-on approach in biology. Students will identify variables and apply the scientific method to evaluate lab results. Students will have a term project they will be responsible for. Topics of study include: cell biology, genetics, evolution and ecology.

Prerequisites – None

Honors Biology

1 Credit **Grade 9**

This advanced course covers the biochemistry of living things, cell biology, genetics, evolution and ecology. The class will go more in-depth in areas of study than Biology, and will cover material at a faster pace.

(Students can't take Honors Biology if they have already taken Biology)

Prerequisites – Teacher recommendation

AP Biology

1 Credit **Grades 11,12**

This college level course is an advanced study of biology. It will focus on an in-depth study of molecular biology, evolution, genetics, plant and animal behavior, development and microbiology. This class prepares students to take the AP test. **Prerequisites – 1-year chemistry, 1-year biology, Junior or Senior year only**

Chemistry

1 Credit **Grades 10, 11, 12**

This introductory course examines the nature of matter and the changes that it undergoes. Topics include: atomic structure, periodic trends, quantum mechanics, chemical bonding, naming compounds, moles and stoichiometry, reaction equations, states of matter, solutions, acids and bases, and thermodynamics. Labs are incorporated to further investigate concepts as well as to help students develop critical thinking skills.

Prerequisites – Completion of Algebra and Biology

Honors Chemistry

1 Credit **Grades 10, 11, 12**

This course, for students with a strong background and interest in science and mathematics, covers the concepts and fundamentals discussed in Chemistry (see previous description), but in greater depth and in more mathematical detail. Additional topics, labs, and data evaluation techniques will be incorporated into this course. The course aims to develop students' critical-thinking and problem-solving skills and to help them appreciate the importance of understanding chemistry.

Prerequisites – Completion of Algebra and Biology

Physics

1 Credit **Grades 10, 11, 12**

Physics is an introductory course designed to study energy and matter and the way objects are moved and work is accomplished. Topics include the study of light, heat, sound, electricity, and Newtonian mechanics; Hands-on activities and labs are used with simple math to prove general concepts.

Prerequisites – Completion of Algebra and Biology

Honors Physics

1 Credit Grades 10, 11, 12

Honors Physics is a course designed to study energy and matter and the way objects are moved and work is accomplished. Topics include the stuffy of light, heat, sound, electricity, and Newtonian mechanics; which are proved through mathematical calculations. Students will also be exposed to “real-life” units and competitions, which are geared towards the engineering field.

Prerequisites – Completion of Algebra II

Agricultural Animal Science

1 Credit Grades 9, 10, 11, 12

This course is designed to introduce students to a branch of biology that deals with animals including their life, growth, anatomy, physiology, classification, etc., as well as the animals’ interrelationships with their environment. Students will also increase their skills through FFA leadership activities, career and technology exposure. This counts as a science credit.

*** Can take as third Science credit through Michigan Merit Curriculum**

Botany/Soil Ecology

1 Credit Grades 9, 10, 11, 12

This course is designed to introduce students to the science of plants including their life, structure, and growth requirements, photosynthesis, etc., as well as soil science including soil properties, tillage, conservation, and soil nutrients. Students will also increase their skill through FFA leadership activities, career and technology exposure. This counts as a science credit.

- **Can take as third Science credit through Michigan Merit Curriculum**

Horticulture

2 Credits Grades 10, 11, 12

This course is designed to give students a wide array of horticultural knowledge and skills. Topics to be covered may be: plant and soil science, flower and vegetable culture, lawn care, pruning, landscape design and implementation, woody ornamentals, floral design, indoor plants, pest identification, integrated pest management and hydroponics. Also landscape projects around Petoskey High School grounds will be continued annually. **Prerequisites: Biology and Botany/Soil Ecology.**

*** Can take as third Science credit through Michigan Merit Curriculum**

Social Studies Course Description

U.S. History

1 Credit

Grades 9

This high school U.S. history course is a survey of events from settlement of the west (1870s) to the present. Students will access primary and secondary sources to analyze and explore geographic, technological, social, and political transformations that have shaped our nation. There will be geographic locations and concepts emphasized in the course. Current media sources will be used to link historic events to the students' lives. Writing skills that prepare students for the ACT test and the Michigan Merit Exam will also be incorporated.

Advanced Placement U.S. History

1 Credit

Grades 11, 12

This course is a demanding introduction to American history and culture that assumes a high level of interest and competence. Because this course is similar to a first-year college course, students should expect that the workload would be heavier than most regular high school history courses. Students will cover two years of history in this one-year course, starting with early colonization and ending with the present day. AP U.S. History integrates political, social, economic, cultural, diplomatic, and intellectual history in order to convey the experiences of particular groups within the broader perspective of the American past. At the same time, it connects events and issues from the past to the concerns of the present. The analytical thinking, writing, and reading skills that students develop in AP U.S. History will equip them for college, the ACT and Michigan Merit Exam, and the AP test, which is a highly encouraged experience in May.

Advanced Placement Government

1 Credit

Grades 10, 11, 12

This two-semester course explores the structure and dynamics of national government, providing a broad-based introduction to the ideas and institutions that shape politics in the contemporary United States. Students will develop the skills to think politically, and exercise their duties and privileges of citizenship responsibly. We will be discussing each topic from a historical perspective while simultaneously placing them in the context of contemporary issues. The ultimate goals of this course are to create effective citizens who can function within the democratic framework that has been established in the United States and to do well on the AP exam. The following units will be explored: Constitutional Underpinnings of United States Government; Political Beliefs and Behaviors; Political Parties, Interest Groups, and Mass Media; Institutions of National Government; Public Policy; and Civil Rights and Civil Liberties.

Economics

1/2 Credit (semester) Grade 10

This one semester course will follow Michigan Merit Curriculum (MMC) content and expectations. Economics explores how individuals and nations make choices about how to use scarce resources to fulfill their needs and wants. The course includes units of study on the basics of a market economy and the role of government, the factors that influence the national economy, a comparison of international markets and economic interdependence, and choices involving personal finance.

Advanced Placement (AP) Economics

1 credit Grades 11, 12

This two-semester course is designed to replicate an introductory college economics course in an effort to prepare students to take the AP exam in microeconomics and macroeconomics. During the first semester, students will focus on microeconomics and gain a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. The second semester will emphasize macroeconomics with the purpose of giving students a thorough understanding of the principles of economics that apply to an economic system as a whole. At the end of the course students will be strongly encouraged to take the separate AP Microeconomics exam and the AP Macroeconomics exam. College credit is available based on the performance of the student on these exams.

Student Council

1 Credit Grades 9, 10, 11, 12

Student Council contains three components: Student Council, leadership development and the opportunity for students that take the class two consecutive years to earn a credit for Government. Student Council is the practical portion of this course. Students will give guidance and input to school policies and will provide the leadership in an attempt to make PHS an even finer institution and more enjoyable environment by planning activities for the student body. Leadership development will focus on communication, listening, observing, body language, decision making, goal setting and presenting. In this portion of the class students will be asked to observe others and to be introspective. Current events, speakers, and numerous projects will be incorporated into the class. To meet with success in this class you must be willing to participate in activities and class discussions. To take this class students must either get elected by their classmates or go through a selection process. (Students will receive ½ Civics credit if they take one year of leadership.)

Civics

1/2 Credit (semester) Grade 10

This one semester course will follow Michigan Merit Curriculum (MMC) content and expectations. Topics of focus will include: Conceptual Foundations of Civic and Political Life, Origins and Foundations of American Government, Structure and Function of American Government, The USA and World Affairs, Citizenship in the USA, and Citizenship in Action. Daily discussion will be expected of all students as well as participation in community government.

Contemporary World History

1/2 Credit (semester) Grade 11

Contemporary World History is required under the Michigan Merit Curriculum. We will evaluate the events, trends and forces that are increasing global interdependence and expanding global markets. We will also evaluate the events trends and forces that are attempting to maintain or expand autonomy of regional or local networks. This is a one-semester course that will focus on four major themes from the early 20th century to present. The themes will include: (1) the causes and consequences of population change, (2) changes in the use, distribution and importance of natural resources, (3) the process of globalization through the patterns of global interactions and finally (4) looking at both continuing and new conflicts.

***This course may be taken prior to or in conjunction with World History**

World History

1/2 Credit (semester) Grade 11

This semester course introduces students to the study of world history in order to construct a common memory of where humankind has been and what accounts for present circumstances. The course begins with a period of expanding and intensified hemispheric interactions (circa 300 C.E.) and continues to the beginning of the 20th Century. Within each historical era, students work at three interconnected spatial scales to study world history through several lenses: global, interregional, and regional. Through a global and comparative approach, students examine worldwide events, processes, and interactions among the world's people, cultures, societies, and environment. Emphasis is placed on skills that enable students to evaluate evidence, develop comparative and causal analyses, interpret the historical record, construct sound historical arguments, and recognize perspectives on which informed decisions in contemporary life can be based. In addition, this course enables students to focus on large historical and geographic patterns, as well as their causes and consequences. Students study human governance systems, patterns of interactions among societies and regions, and patterns of cultural, intellectual, religious, and social changes. They analyze the impact of demographic, technological, environmental, political, and economic changes on people, their culture, and their environment. The integration of historical thinking skills and historical understandings throughout this course equips students to analyze issues and problems confronting citizens today.

Psychology

1/2 Credit (semester) Grades 11, 12

This course is designed for students who are interested in exploring an interest in the field of psychology. The course will provide an overview of this scientific field from historical perspectives and theories and its emergence as a neuroscience. Students will be introduced to theorists and their developing theories and the influence they play in 21st century science toward understanding and predicting human behaviors. The course content requires extensive reading and critical thinking skill development.

Forensics**1/2 Credit (semester) Grades 9, 10, 11, 12**

The student may elect this course throughout high school and receive academic credit. However, only one semester can be counted toward English credit requirements. Students will develop skills in the areas of extemporaneous oratory, interpretative reading, multiple reading and storytelling.

Debate**1/2 Credit (semester) Grades 9, 10, 11, 12**

The student may elect this course throughout high school and receive academic credit. However, only one semester can be counted toward English credit requirements. Students will research the debate topic, learn how to build a case to refute, cross-examine, and master other fundamental debate techniques.

Math Course Descriptions

Informal Algebra I**1 credit 9, 10, 11, 12**

Topics include integers and rational numbers, equations and inequalities, exponents and polynomials, factoring, graphing linear equations and inequalities, systems of equations and inequalities, radical expressions, relations and functions. This course is designed for the student who may struggle in traditional Algebra I or needs additional preparation before taking traditional Algebra I.

Informal Geometry**1 Credit Grades 10, 11, 12**

This course deals primarily with two-dimensional geometry, but is integrated with a substantial amount of solid geometry. Topics include polygons, perimeter, area, volume, similarity, circles, and basic trigonometry.

Prerequisite—Successful completion of Pre-Algebra and/or Algebra I.**Informal Algebra II****1 Credit Grades 11, 12**

This is a continuation of Informal Algebra I, but must be started after completion of Geometry or Informal Geometry. Topics covered include equations and inequalities, relations, functions, graphs, systems of equations and inequalities, polynomials, rational expressions, powers, roots, complex numbers, quadratic equations, exponential and logarithmic functions, and measures of central tendency. This class is designed for the student who may struggle in traditional Algebra II.

Prerequisite—Successful completion of Informal Geometry or Geometry.

Algebra I

1 Credit Grades 9, 10, 11, 12

Topics include integers and rational numbers, equations and inequalities, exponents and polynomials, factoring, graphing linear equations and inequalities, systems of equations and inequalities, radical expressions, relations and functions. This course is required in order to take traditional Geometry. **Prerequisite: Recommendation from Middle School or successful completion of Informal Algebra I.**

Geometry

1 Credit Grades 9, 10, 11, 12

This course is in keeping with the modern approach to math designed to help students understand the structure of geometry, develop powers of spatial visualization and strengthen their algebraic skills. This course deals primarily with two-dimensional geometry, but is integrated with a substantial amount of solid geometry. With approval of both teachers involved, Algebra II may be taken concurrently with, but not instead of Geometry. Recommended for college preparatory students and required of those students who are planning on taking traditional Algebra II.

Prerequisite-Successful completion of Algebra I.

Algebra II

1 Credit Grades 10, 11, 12

This is a continuation of Algebra I, but must be started after completion of Geometry requirements. With the approval of both teachers involved, Algebra II may be taken concurrently with, but not instead of, Geometry. Some of the units covered are: functions, systems of equations, polynomials, irrational numbers, conic sections, exponential and logarithmic functions, sequences and series, and probability. Texas Instrument graphing calculators are required. (Ti-84 calculators are recommended)

Prerequisite- Successful completion of traditional Geometry.

Advanced Algebra with Trigonometry (Pre-Calculus)

1 Credit Grades 11, 12

Trigonometry involves the study of angles, vectors, complex numbers, geometric figures, circular functions, and their relationships with each other. Algebraic topics covered include polynomials, exponential and logarithmic functions, systems of equations and sequences and series. Graphing is done both with traditional methods and with graphic calculators. Topics from Discrete Mathematics include data analysis/statistic and combinatorics/probability. This class is designed to prepare students for Calculus, but also provides a firm foundation for other areas of Mathematics. Recommended for anyone planning to do college work in math or the sciences. Texas Instrument graphing calculators are required. (Ti-84 calculators are recommended) **Prerequisite-Successful completion of traditional Algebra II**

Advanced Placement Calculus

1 Credit Grade 12

This introductory course in Calculus is designed to prepare the student for the Advanced Placement Calculus AB exam. Topics will include elementary functions (algebraic, trigonometric, exponential and logarithmic), limits, continuity, differential calculus and integral calculus. Students are expected to take the AP exam. The test is given in May, and a fee is required. Calculus is recommended for students planning to do college work in mathematics, physical sciences or engineering. Texas Instrument graphing calculators are required. (Ti-84 calculators are recommended)

Prerequisite-Successful completion of Pre-Calculus

Accounting

1 Credit Grade 11 or 12—See page 19 for description. Can be used for 4th Math credit.

Foreign Language Course Descriptions

French I

1 Credit Grades 9, 10, 11, 12

This course is designed to develop the audio-lingual (listening-speaking) skills in the French language through dialogs and developing conversational sequences throughout the program. Students gain oral command of vocabulary, sentence patterns, and grammar. An appreciation of the culture of the French people is gained through the reading of simple materials. Recommended for students with an interest in the study of a foreign language. French is a compounding subject and it is imperative to grasp the fundamentals before moving on. Recommended for college preparatory students.

French II

1 Credit Grades 10, 11, 12

The development of reading and speaking skills are primary objectives of second year French. More time is devoted to the writing and studying of formal grammar. Through the narrative and outside sources, a greater appreciation of French culture is gained. Students should purchase a French-English dictionary. **Prerequisite—Successful completion of French I**

French III

1 Credit Grades 11, 12

More intensive reading and discussion is required. Selections will vary from contemporary French newspapers and magazines to literature and narratives that portray the nature of French contemporary life. Class discussion is carried on partially in French. Students should purchase a French-English dictionary.

Prerequisite- Successful completion of French II

French IV

1 Credit Grade 12

More intensive reading is required. Selections will vary from contemporary French newspapers and magazines to literature and narratives that portray the nature of French life. Class discussion is carried on in French. Students should purchase a French-English dictionary.

Prerequisite- Successful completion of French III

Spanish I

1 Credit Grades 9, 10, 11, 12

The goal of this course is to develop listening, speaking, reading and writing skills necessary for meaningful communication in both spoken and written Spanish. It is also designed to develop an appreciation and understanding of that cultural heritage and that special quality which is the Spanish-speaking world. Recommended for students who are willing to consistently and daily apply themselves in class, as learning a foreign language is a repetitive and cumulative process.

Spanish II

1 Credit Grades 10, 11, 12

A continuation of Spanish I for those students who have **successfully completed Spanish I**. Emphasis will be placed on the use of the Spanish language in class.

Spanish III

1 Credit Grades 11, 12

Designed to develop in students a greater degree of fluency in the four basic language skills: listening, speaking, reading and writing. It is also intended to deepen the understanding and appreciation of Hispanic culture. **Prerequisite—Successful completion of Spanish II.**

Spanish IV

1 Credit Grade 12

Designed to develop in students a greater degree of fluency in the four basic language skills: listening, speaking, reading and writing. It is also intended to deepen the understanding and appreciation of Hispanic culture.

Prerequisite—Successful completion of Spanish III.

Spanish and Latin American Literature in Translation

1/2 Credit (semester) Grades 11, 12

The primary focus of the course will be the understanding of other cultures through the study of the lives and works of their great writers. Students will read a variety of novels, short stories, and poems (including song lyrics) from Spain and Latin America. When available, we will view film versions of some of these works.

Participation in local concerts and extra rehearsals is required. Students are expected to complete the course for the full year.

Musical Performance

½ Credit (semester) Grades 9-12

The emphasis in drama will be to learn the art of performing, developing acting improvisation skills, and character development. Each student will be required to act in small scenes, and monologue improvisations. The class will be concerned with each student's individual progress. No previous acting experience is necessary.

General Art

1 Credit Grades 9,10,11,12

General Art classes focus on the exploration of art. Creative work is centered on the elements and principles of design. A variety of different art media will be used throughout the year including drawing, painting, printmaking, sculpture, and ceramics. Some time will be spent looking into various artists, their work, and their lives. Sketchbooks are required for this class.

Advanced Art

1 Credit Grades 10, 11, 12

Advanced Art is designed for second year art students that wish to further develop their skills. Students at this level are expected to expand their knowledge and uses of art. Art projects are expected to show knowledge and talent of materials used. Students will also be expected to continue their study of art history and various artists. Sketchbooks are required for this class.

Prerequisite: General Art

Studio Art I

1 Credit Grades 11, 12

Students will be expected to decide upon an area of concentration (i.e. drawing, painting, etc.) Students at this level are expected to show a dedication to art that will allow them to work more independently towards their goals. Students will also be expected to continue their study of art history and various individual artists. Sketchbooks are required for this class.

Prerequisite: General Art, Advanced Art

Studio Art II

1 Credit Grades 11, 12

Studio Art II is a continuation of work in Studio Art.

Prerequisite: General Art, Advanced Art, Studio Art I

Physical Education/Health Course Descriptions

Freshman Physical Education

1/2 Credit (semester) Grade 9

(Strongly recommended for 9th graders). Basic fundamental skills in several team sports as well as fitness and conditioning will be offered. These include exercises, jogging, conditioning games and team games such as softball, soccer, volleyball, basketball, group games and Presidential Fitness Testing.

General Physical Education

1/2 Credit (semester) Grades 9, 10, 11, 12

Basic fundamental skills in several team sports as well as fitness and conditioning. Includes exercises, jogging, conditioning games and team games such as softball, soccer, volleyball, basketball and group games. This class may be repeated.

Advanced Physical Education

1/2 Credit (semester) Grades 10, 11, 12

This class is open to varsity athletes only with coach's verification. Instruction will be in the areas of advanced strength training techniques (weights and calisthenics), cardiovascular fitness techniques, flexibility techniques, and skills training techniques for individual athletic skill enhancement. The athletes will meet in a classroom session once a week to study Corbin's **Fitness for Life** text and other appropriate training materials. This course may be taken for PE credit twice and may be taken as an elective credit.

Athletes Physical Education

1/2 Credit (semester) Grades 10, 11, 12

This class will focus on building muscular strength and endurance through free weights and strength building activities. In addition, cardiovascular fitness activities will be incorporated on a regular basis. Students will also be introduced to activities and drills designed to enhance agility, quickness, balance and speed. This class is limited to JV and Varsity athletes.

Fitness for Life

1/2 Credit (semester) Grades 9, 10, 11, 12

Formally known as "Walk-A-Lot", Fitness For Life will primarily focus on walking. Since walking is a safe, effective way to lose and control weight and to exercise your heart, this class is a good choice for the growing population of teens. (60% of the US population is now at an unhealthy weight and fitness level). The Fitness For Life class is designed to strengthen and improve physical fitness through walking. Students will participate in daily activities including but not limited to vigorous walking for the class

period. The State requirements for earning a P.E. credit have changed. As a result, the Fitness For Life class will include some power walking, orienteering, aerobics, focused stretching, nutrition concepts, hiking, jump rope, and aerobic dance activities as well. While the focus of the class will not change, students will primarily still be walking for fitness, you will be introduced and spend some time on the above-mentioned activities. Students must be prepared to walk outside in ALL types of weather. Presidential Fitness Exam will be given sometime throughout the semester.

Health Education

1/2 Credit (semester) Grade 9, 10, 11, 12

This course will include the topics of mental health, stress management, weight control, nutrition, substance abuse (including drug, alcohol and tobacco), first aid, human sexuality, and AIDS. **This course is required for graduation.**

Career and Technical Education Course Descriptions

****These courses will satisfy the Michigan Merit Curriculum—Visual, Performing or Applied Arts Graduation requirement**

Accounting/Business

Accounting I

1 Credit Grades 10, 11, 12

Students will be introduced to the study of accounting principles and theory covering financial statements, basic procedures, the accounting cycle, general and columnar journals, payroll accounting, and other topics as related to sole proprietorships, partnerships, and corporations. Spreadsheet software will be used during this course.

Finance segments covered in year one Accounting are: segments one, two, three during semester one, and segments five, six and seven during the course of second semester.

Fulfills online requirement for graduation and can be used as the 4th math credit.

Accounting II

1 credit Grades 11,12

Students will continue the study of accounting principles and theory covering financial statements, advanced procedures, the accounting cycle, general and special columnar journals, departmental accounting, and other topics as related to sole proprietorships, partnerships, and corporations. Finance segments covered in year two Accounting are: segments four, eight, nine and during second semester segments ten, eleven and twelve. Direct College Credit can be issued at the successful completion of this course.

Business Technology I
1 Credit Grades 9, 10, 11, 12

Students will develop and apply business skills, which are required in all business occupations. Hands on computer-oriented skills with instruction based on technology and its application in the business world will be taught. Students will use Microsoft Word, Excel, Access, PowerPoint, Moviemaker, Publisher and more to complete the critical learning's required for this course. Units of study include Communication, Human Relations, Record Keeping, Mathematics, Career Development, Entrepreneurship, and International Business.

Segments covered in year one are: segments one, two, three, five and six.

***On-line credit will be granted at the conclusion of this year long course.
***Taking this class can give you free college credit.

Business Technology II
1 Credit Grades 10, 11, 12

This course is designed to to expand and enhance students' knowledge in Word, Excel, Access, PowerPoint, Publisher, and Outlook. Students will gain advanced skills in presentation, inventory, money management, records management, document processing, formatting, desktop publishing, Internet, e-business, and office management. This course will also aid students seeking MOUS certification.

Segments covered in year two are: segments one, two, three, five and six.

***Taking this class can give you free college credit.

Business Technology III
1 Credit Grades 11, 12

Business Technology III is a high-level business course, which offers career preparation in Legal Office Careers, Medical Office Careers, Human Resources, Labor Relations Management and/or International Business. This course explores essential skills necessary for an office administration professional. Topics include workplace trends, ethics, conflict resolution, written communications, records management, presentations, teamwork, customer service, leadership, event planning, job searching, and stress, anger, and time management. Projects integrate topics and apply them to a work-based team project and professional development plan.

Prerequisite: Students must have taken a full year of Business Technology to enroll in this class. On line credit will be given at the completion of this course.

AGRISCIENCE

Agricultural Animal Science

1 Credit Grades 9, 10, 11, 12

This course is designed to introduce students to a branch of biology that deals with animals including their life, growth, anatomy, physiology, classification, etc., as well as the animals' interrelationships with their environment. Students will also increase their skills through FFA leadership activities, career and technology exposure. This counts as a science credit.

Botany/Soil Ecology

1 Credit Grades 9, 10, 11, 12

This course is designed to introduce students to the science of plants including their life, structure, and growth requirements, photosynthesis, etc., as well as soil science including soil properties, tillage, conservation, and soil nutrients. Students will also increase their skill through FFA leadership activities, career and technology exposure. This counts as a science credit.

Horticulture

2 Credits Grades 10, 11, 12

This course is designed to give students a wide array of horticultural knowledge and skills. Topics to be covered may be: plant and soil science, flower and vegetable culture, lawn care, pruning, landscape design and implementation, woody ornamentals, floral design, indoor plants, pest identification, integrated pest management and hydroponics. Also landscape projects around Petoskey High School grounds will be continued annually. **Prerequisites: Biology and Botany/Soil Ecology**

AUTOMOTIVE TECHNOLOGY

Introductory Automotive Technology

1/2 Credit (semester) Grades 9, 10, 11, 12

This one semester course is an introduction to the automobile and the Automotive Service Industry. The course is intended to give the student enough information to make good decisions when servicing and purchasing a vehicle, and choose the automotive industry as a possible career path. Areas covered include: safety, tool identification, safety inspections, maintenance schedules, basic engine operations, heating/cooling systems, tires, braking systems, charging/starting systems, ignition systems and fuel systems. Recommended for any student interested in learning more about the car, mechanical engineering, and the automobile as a hobby or other automotive careers.

Automotive Technology I

2 Credits Grades 11, 12

Automotive Service is a two-year course designed to prepare students for advanced work at a postsecondary institution. The course is designed to give students an overall working knowledge of the construction, operation, and repair of motor vehicles. Successful completion of the Auto Service course will also qualify students for job entry at many basic jobs. The major units of study will be service station technology, cooling systems, automotive brake systems, suspension and steering, and drivelines. It is recommended that students be interested in a career in auto service or a related field such as sales, auto parts, automotive engineering, or management of some of the above listed areas. A textbook and workbook are required. Safety glasses are also required. It is recommended that students have shop clothing such as overalls or a shop coat. The students must have leather shop shoes. Automotive suspensions and brake systems are ASE certification courses. Health and safety standards as prescribed by the National Safety Council will be adhered to in this course. **Fulfills online requirement for graduation.**

Automotive Technology II

2 Credits Grade 12

This is the remaining portion of the two-year program. In this portion the major units of study are engine performance, electrical/electronic systems, and engine repair. Health and safety standards, as prescribed the National Safety Council, are adhered to in this course.

Prerequisite-successful completion of Automotive Technology I.

BUILDING TRADES

Introductory Woods

1/2 Credit (semester) Grades 9, 10, 11, 12

Introduction to woodworking is a class that will expose the student to the basic skills of woodworking. Safety of hand tools and power tools will be covered, as well as group and individual projects. Students will obtain or pay for those supplied furnished by the school.

Building Trades I

2 Credits Grades 10, 11, 12

This course is designed to prepare students for job entry in the construction field or advanced work in a technical school. The course is planned around the construction of a complete house beginning with house design, and finally preparing it for sale. Work will include blueprint reading, block laying, rough and finish woodworking, plumbing and heating, drywall, roofing, painting and cabinet installation. Recommended for students interested in careers in the construction trades or related fields. Rules of health and safety as prescribed by the National Safety Council will be adhered to in this course. The house will be constructed on the high school property and moved.

Building Trades II

2 Credits Grade 11, 12

Major units of study include all units listed for Building Trades I. This course will be divided into two sections: a mentor section and a pre-apprenticeship section. The instructor will determine placement into a mentor or pre-apprenticeship program. Students selected into the mentor program will be working with first-year students on-site at Petoskey High School in the construction of a modular home. **This class can be used as a 4th year math credit.**

COMPUTER INFORMATION SYSTEMS

PC Hardware/Software

1/2 Credit (semester) Grade 9, 10, 11, 12

This course teaches the fundamentals of the Open Systems Interconnect (OSI) model layer one. Students will study and practice the methods to install, manage, maintain, and troubleshoot desktop hardware such as PC workstations, printers, scanners, and multimedia devices. Focus will also be given to interpersonal skills and technical writing. Curriculum will include a textbook, tools, web-based resources, and consumables. Upon completion of this course, students will be capable of installing PC workstations, printers, and other peripherals; use critical thinking skills to diagnose hardware problems and address them in an efficient manner to resolution. Students will be able to define and satisfy customer expectations in a professional manner. Students will be able to research, recommend, and compose technical documents relating to information technology. Students will be prepared to pass both sections of the CompTIA A+ examination.

Networking

1/2 Credit (semester) Grades 9, 10, 11, 12

This course teaches the fundamentals of the Open Systems Interconnect (OSI) model layers two through four. Students will study and practice the methods to install, manage, maintain, and troubleshoot Cisco Catalyst switches and Cisco routers connected in local-area networks (LANs) and wide-area networks (WANs) typically found at small to medium network sites. Upon completion of this training course, students will be able to select, connect, configure, and troubleshoot the various Cisco networking devices. **Upon completion of this course, students will be able to build a functional configuration to support the specified network operational requirements, given a network design; use the appropriate show & debug commands to display network operational parameters so that anomalies are detected, explain how bridging and switching operates, explain the purpose and operations of the Spanning- Tree Protocol, VLAN's, security, & build a functional router configuration to support the specified network operational requirements, given a network design, describe the features and operation of static routing, configure dynamic interior and exterior routing**

protocols, and understand and implement multicasting. Students will be prepared to pass the Cisco CCNA exam

Server Management

1/2 Credit (semester) Grades 9, 10, 11, 12

This course provides students with the knowledge and skills that are required to install a Windows Server™ 2008 system, manage accounts and resources, monitor server performance, manage network services, and safeguard data. These tasks include Active Directory, Internet Information Server, implementing routing; implementing, managing, and maintaining Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS); Securing Internet Protocol (IP) traffic with Internet Protocol security (IPSec) and certificates; implementing a network access infrastructure by configuring the connections for remote access clients; and managing and monitoring network access. Additionally, messaging system installation and management will be taught. This provides students with the knowledge and skills that are needed to install and support a reliable, secure messaging infrastructure. This infrastructure is used for creating, storing, and sharing information by using Microsoft Exchange Server 2008 in a medium-sized to large-sized (250 to 5,000 seats) messaging environment.

Computer Science

1 Credit Grades 11, 12 and Permission of the instructor

Computer Programming is **an AP level course** that breaks the content into two semesters. First semester's main goal is to introduce universal programming concepts, while enforcing good style and logical thinking along the way. Designed for students with little or no programming language experience, it begins with general programming concepts and key concepts of structure. Coverage then progresses to the intricacies of decision-making, looping, array manipulation, and methods. Additional topics discuss control break programs, advanced array manipulation techniques, and file handling. After the student has mastered programming fundamentals, the intricacies of object-oriented programming are introduced. Second semester is the same material as first semester, but all assignments are coded out in a compiler on the computer using Java. **Students should expect six to eight hours of homework each week.** Six (6) NCMC credits are offered for successful completion of the articulation agreement. The course also prepares students to pass the AP Computer Science A exam, which equates to three (3) college credits. Additionally, the Sun Certified Java Associate (SCJA) certification will be offered to students who meet the NCMC articulation requirements.

SECOND SEMESTER: Students will continue their OSI model layer one training with information technology cabling instruction. Voice, video, and data cabling concepts and techniques will be taught.

Upon completion of this semester, students will be capable of installing premises cabling for voice, video, and data. Students will be able to safely install, terminate, and test CAT5, CAT3, RG11, RG6, and optical fiber cables. Students will understand blueprint reading, climate control, and physical factors of cable installation. Students will be prepared to pass the BICSI Installer Level I examination.

DRAFTING

Introductory Drafting

1/2 Credit (semester) Grades 9, 10, 11, 12

Introductory Drafting is a one-semester course that provides each student with the fundamentals of drafting and prepares them for future courses in the Drafting/CAD curriculum. It is also a recommended class for other technology programs, engineering – bound students and various other drafting related career opportunities. The class will cover sketching, lettering, single views, multi-view projection, geometric drafting, pictorial drawing and floor plan development. Also, topics covering CAD (AutoCAD) will be introduced.

Prerequisites—None

Architectural Drawing

1 Credit Grades 9, 10, 11, 12

Architectural Drawing is a one-year course designed for the individual interested in residential house construction and design. This course will provide students the opportunity to prepare architectural working drawings using AutoCAD-Architectural Desktop software.

Prerequisite—Introductory Drafting recommended but not required or permission of the instructor

Advanced Architectural Drawing

1 Credit Grades 10, 11, 12

This program is designed for the student who is interested in careers related to architecture or interior design. College-bound students pursuing a career in those areas should take this class. Students will learn about perspective drawing and presentation drawing methods utilizing computer-aided drafting software. In addition, students will have the opportunity to submit heir design for next year’s Petoskey High School Building Trades house.

Prerequisite—Architectural Drawing

Engineering/CAD I & II

1 Credit Grades 10, 11, 12

This class is designed to help prepare a student for a career in CAD or Engineering. Using CAD software, students will be introduced to Engineering Drawing & Design fundamentals, as well as, blueprint reading and industrial related math. Schools of engineering rely on the high schools to give students an introduction to this important area of study. **Prerequisite: Introductory Drafting**

Interior Drafting and Design

1 Credit Grades 10, 11, 12

This course is designed to give the seriously interested interior design student skills in the interior design profession. Many students have chosen a career goal of interior design: this course gives background in drafting skills to help that student achieve higher levels in his/her chosen interior areas. Students will learn to use drafting equipment, draft and design floor plans, wall and room elevations, perspective room illustrations, design decorating schemes and develop presentation packages. Students will learn **computer-aided drafting techniques** as they apply to interior drafting.

Prerequisite: Introductory drafting is recommended but not required

EARLY CHILDREN EDUCATION

Creative Teaching (Replaces Early Childhood Education I)

1 Credit Grade 11,12

This class is designed for students wishing to pursue a teaching career. Topics will include growth and development principles, teaching diverse learners, instructional methods, developing lesson plans, assessment, and qualities of effective teachers. Each student will have a field experience with a classroom matched to their interest level. Students in this class are eligible for membership in Family, Career, and Community Leaders of America student Leadership Organization.

Early Childhood Education II (Prerequisite: Creative Teaching)

1 Credit Grade 12

Fall Semester: NCMC Psychology 255 3 Direct Credits

Study of child development covering genetic, prenatal, and postnatal influences: infancy, preschool, and school age periods; relationships with adults, family, and peers; and social, emotional, and cognitive development.

Spring Semester: NCMC ECE 130 3 Direct Credits

Study of the foundations of Child Guidance and discipline with an emphasis on the practical application of child guidance techniques. Topics covered include individual and group management techniques for infancy through school age, non-verbal communication, issues of diversity and problem solving skills. Students in this class are eligible for membership in Family, Career, and Community Leaders of America Student Leadership Organization.

HOSPITALITY/FOODS

Introductory Foods for Life

1/2 Credit (semester) Grades 9, 10, 11, 12

The participant will learn to plan, purchase, and prepare nutritional foods using a variety of kitchen equipment and cooking methods. Topics include: kitchen safety, sanitation, baking, decorating, cooking, meat cutting, table-setting, product label interpretation and more. Students are encouraged to take Foods for life as a good foundation for Hospitality/Foods service classes.

Hospitality/Food Service I

2 Credits Grades 10, 11, 12

This course is designed to prepare participants for home and industry hospitality life, as well as for advanced study in a trade/technical school. Topics include; food theory, sanitation, kitchen safety, fire prevention, cooking, baking, decorating, cold food preparation, meat cutting, dining room procedures, food purchasing and pricing. Catering and retail sales are also program components.

Hospitality/Food Service II

2 Credits Grades 11, 12

This course centers on participants' operation of the restaurant; serving meals 3-4 days per week. Menu planning, ordering and customer service are key components of this course, as well as those learned in Hospitality/Food Service I.

Prerequisite is Hospitality/Food Service I

MARKETING

Retailing

1/2 Credit Grades 9,10, 11, 12

Entrepreneurship in Marketing consists of 2 one semester courses in marketing education that provide students the marketing knowledge and skills needed to open and operate a small business. Students may also elect to participate in one of the following programs: DECA or Merit Award Program. Prerequisites: Admission to the program is open to all students who have an interest in pursuing entrepreneurship as a career option in marketing. It is strongly recommended that students complete a year of general marketing prior to enrollment in Entrepreneurship.

Marketing Education I

1 Credit Grade 10, 11, 12

This course is designed for career-sustaining marketing occupations. Students in a career-sustaining level job will have a basic understanding of the marketing concept and its foundations; they will also have indicated an initial interest in marketing as a potential career. Students will also receive instructions and practical experiences in the school store, Merit Award Program, and DECA.

Marketing Education II

1 Credit Grade 11, 12

This course is designed for marketing specialist occupations. Students at the marketing specialist level need to have a thorough understanding of the marketing concept and its functions. Students will also receive instructions and practical experiences in the school store, Merit Award Program, and DECA.

Prerequisite-Marketing Education I or concurrent with Marketing Education I.

Sports and Entertainment Marketing

1 Credit Grades 10, 11, 12

Get ready to learn about two of the most exciting and competitive businesses in the world. Sports and Entertainment Marketing is a subject to which all students can relate. Sports and entertainment are everywhere-not just in ballparks and theaters, but at schools, on television and radio, in stores, and on the Internet. Students will not only learn about the two industries, they will also develop skills to succeed in their careers. Sports and Entertainment Marketing teaches solid academic skills such as math, reading, and language art skills, as well as foundation skills such as critical-thinking and problem-solving skills and key workplace competencies, such as responsibility, self-management, leadership, and integrity.

Yearbook

1 Credit Grades 9, 10, 11, 12

Yearbook requires motivation and dedication. After school hours may be required. Real world experience of running a \$25,000 business is the major focus. Students gain experience in several aspects of small business operation including: marketing, publicity, sales, accounting, record keeping, public relations, time management, scheduling, meeting deadlines, staffing and employee relations. Computer skills are necessary; software used includes Excel, PageMaker, Image In and PhotoShop. Hardware used includes computers, printer, scanner, and digital and traditional film cameras. Design layout and copy writing skills are needed.

MEDICAL OCCUPATIONS

Introductory Medical Occupations

1/2 Credit (semester) Grades 9, 10, 11, 12

This course is designed to provide students with an overview of medical careers and to challenge the interest level of enrolled students. The course will cover medical and allied health career issues of the medical field; professionalism, ethics, confidentiality, math and medical terminology. This course will provide an excellent transition into Medical Occupations I program.

Health Occupations Science I (HOS I)

2 Credits/2 semesters Grades 10, 11, 12

This program is recommended for students interested in exploring health-related careers of the 21st century. The course is designed to profile an in-depth study of human anatomy and physiology and how it relates to diseases and injuries. The study program will explore and include: healthcare careers, medical terminology, current medical events & problem solving, emergency procedures, biomedical ethics, body systems, health care delivery systems, healthcare information management and technologies associated with diagnostics & treatment. All students participate in volunteer/community service activities. Students are provided the opportunity to obtain CPR (Basic Cardiac Life Support-BCLS) certification. Students must complete the course with a 3.0 to be eligible for enrollment in Health Occupations Science II. Could be used as third science credit.

Health Occupations Science II (HOS II)

2 Credits/2semesters Grades 11 & 12

Second year students are placed in various externship rotations to study selected healthcare careers. Course is designed to profile in-depth study of professionalism, leadership skills, communication skills, teamwork, problem solving, and effective decision-making. The importance of these skills will be directly examined in relation to globalization and cultural diversity. Students will master competency-based nursing assisting skills, providing excellent employment potential immediately upon course completion/graduation. Students report to their externship rotation sites four days a week, and then report to class one day a week to complete weekly assignments and skills checklists. All students participate in volunteer/community service activities. Students are provided the opportunity to obtain CPR (Basic Cardiac Life Support-BCLS) certification. **Prerequisites: 1) maintenance of a “B” in Health Occupations I; 2) successful completion of all Health Occupation I patient care skills; 3) be able to provide own transportation to externship rotations with no responsibility to school district or course instructor; 4) proof of a negative 2-step TB skin test; 5) proof of Hepatitis B & MMR vaccination; and 6) recommendation of Health Occupations instructor. This class equals 2 High School non-lab science credits.**

MISCELLANEOUS

Co-Op

1 Credit

Grades 11, 12

Co-op is a work-based learning instruction for students who **have successfully mastered 60%**

(concentrator) of a state-approved Career and Technical Education (CTE) program. Students will

be placed at a work site directly related to the CTE program through a written cooperative agreement and

training plan between the school, parent and employer. Both the student and the employer must understand that the job forms an integral part of the student learner's educational process and that the school is not simply acting as a placement service for students desiring part-time work. The Co-op Coordinator monitors the student's placement and the student must attend both school and work in accordance with the approved training agreement. In the Co-op classroom, students will cover topics related to improving employability skills. Once students are placed on the job, they must work an average of 10 hours per week and carry a minimum class load of four credit hours per day. Class schedules may be changed for Co-op without loss of credit within the first two weeks of first or second semester. Any other changes require the Co-op Coordinator's approval. One credit is granted for each year in the program. Students leaving the program before the end of the semester must enroll in a full school schedule.

COLLEGE CREDIT ARTICULATION AGREEMENT

North Central Michigan College, Baker College and Ferris State University offer the opportunity to gain college credit to those students who are, or have, taken career and technical education courses while in high school. Articulation is the process where career and technical education students who have demonstrated specific skill levels by an assessment process are given college credit for those skills when they enroll at one of the above educational institutions. There is no charge for the college credits after the student has successfully demonstrated that the skills are learned.

Who is Eligible?

- A student who has taken or is enrolled in a certified Career & Technical Education Program
- A student who has earned a "B" average in a Career & Technical Education Program
- A student who is recommended by the career & technical education instructor and administrator and who has successfully demonstrated the proper level of skill. For more information, contact your CTE Instructor or counselor.

Special Education Course Descriptions

Adapted P. E.

1/2 Credit (semester) Grade 9, 10, 11, 12

This class is designed to provide physical education where students will learn why exercise and fitness are

important, what one's own fitness needs are and how to attain and maintain fitness through out one's life.

Students will be able to develop their own exercise program. Students will be graded on written tests, work

test, and participation in weekly exercise and lifetime leisure activities.

Applied English Language Arts III

1 Credit Grade 11

This class is for students with 3rd to 5th grade reading levels. They will learn strategies to improve their reading, decoding and comprehension through guided reading, writing, working with words and reading self selected materials.

Applied English Language Arts IV

1 Credit Grade 12

This class is for students with 3rd to 5th grade reading levels. They will learn strategies to improve their reading, decoding and comprehension through guided reading, writing, working with words and reading self selected materials.

Applied World History

1 Credit Grades 11, 12

Students will engage in studying ancient civilizations from the origins of Western Civilization with the Greeks and Romans to a Postwar World. The Middle Ages, Renaissance, Birth of Democracy and Age of Imperialism will be explored as well as the concepts of Nationalism and Revolution worldwide. How this ancient world history plays into modern day politics and current events will be discussed. Cultures and geography of the various civilizations will be examined also.

Academic Resource Center Plus

1/2 Credit per semester—May take it two semesters

Available to students who have 50 % or more general education classes **without** special education support. Students will receive assistance with assignments, projects, tests and quizzes. Organization of materials, study skills and planning will be modeled to foster independence and responsibility.

Prerequisite—Permission of the instructor

Applied Biology

Work Experience/Community Based Instruction

1/2 Credit (semester) Grades 9, 10, 11, 12

This class is designed to give students a chance to develop vocational skills through on the job training.

Job activities are organized in advance and are supervised by our community-based liaison.

Consumer Living/Job Skills

1/2 Credit (semester) Grades 11, 12

Students will tackle practical day-to-day situations facing adults in the real world today.

We will discuss

relevant issues and decisions young adults face, money management/budgeting, car/apartment purchase/rental, leisure activities, employment skills, self-advocacy, and relationships. Class format will include a simulation, guest speakers and discussion.

Life Skills

1 Credit

Grades 9, 10, 11, 12

This course is designed to provide exposure to students, and to point out the important skills needed to function successfully as productive workers in the home and community. It will help identify what skills individuals need to become more effective persons in the areas of daily living skills; personal social skills; and occupational guidance and preparation. Instruction will include lessons, field trips, guest speakers, etc.

Math Intervention

1 Credit

Grades 9, 10, 11, 12

This class is designed for students needing basic math skills support. Students who are currently taking Pre-algebra, Algebra or Geometry may enroll in this course.

Prerequisite—Permission of the Instructor

Papermakers

1 Credit

Grades 9, 10, 11, 12

This course is designed to introduce “enterprise” into the classroom, simulating a work environment to develop work habits and attitudes necessary for employment. Students will be provided with hands on experiences and have the opportunity to evaluate and analyze their own skills related to specific tasks. This class will make connections between school and work and help students communicate and prepare for their adult role in the community.

Practical English

1 Credit

Grades 9, 10, 11, 12

This class is designed to provide basic composition, communication for work, for independent living, good citizenship, health and safety, and interpersonal communication. Students will be required to use reading, writing, listening and speaking skills to solve problems related to daily living experiences.

Practical Math**1 Credit****Grades 9, 10, 11, 12**

This course is designed to provide curriculum based in basic computation, consumer math, personal finance, vocational math, measurement, and the use of maps, charts and graphs. The course will help students learn to manage everyday survival skills, such as budgeting, housing, transportation, employment, use of money, time and organizational skills.

Applied U.S. Government**1 Credit****Grades 11, 12**

This course looks at the three branches of government, the various governmental departments and their functions and how they affect our daily lives. We also study the three levels of our government; federal, state and local. Political parties, citizenship and other world governments are covered to give students an understanding of U.S. foreign policy in dealing with a global community.

Applied US History**1 Credit****Grades 9, 10, 11, 12**

This course covers major events in U.S. History from the populating of North America to the 20th century Political policies and conflicts within our nation as well as against other nations are explored. Lower reading level textbooks will be used and some projects are required.

Work Study**1/2 Credit (semester) Grades 11, 12**

A class designed to give students a chance to develop vocational skills through on-the-job training. Job activities are organized in advance and are supervised by the Learning Center staff.